

CLAIM AMENDMENT

Please **CANCEL** claims 1-12, 17-22, 27, 30, 35-40 and 44-58 without prejudice or disclaimer.

Please **AMEND** claims 13-16, 23, 24, 31-34, 41, 59-70 and 72-77, as follows.

1-12. (Currently Cancelled)

13. (Currently Amended) A liquid crystal display, comprising:

a first substrate;

a common electrode ~~which is~~ formed on the first substrate;

a plurality of protrusions formed on the common electrode;

a second substrate facing the first substrate;

a pixel electrode having a plurality of apertures and formed on the second substrate; and

a first and a second polarizers attached to outer surfaces of the first and ~~the~~ second substrates, respectively, polarizing directions of the first and ~~the~~ second polarizers being perpendicular to each other,

wherein the protrusions have symmetrical cross sections; and have a shape of a wedge-shaped line having a width, ~~and~~

the apertures and the protrusions are arranged alternately, and

~~wherein~~ the protrusion has a first branch extending along an edge of the pixel electrode from a position at which the aperture meets the edge of the pixel electrode with an acute angle.

14. (Currently Amended) The liquid crystal display of claim 13, wherein the width of the first branch decreases as ~~goes~~ advancing from the protrusion to an end of the first branch.

15. (Currently Amended) The liquid crystal display of claim 14, wherein the protrusion has a second branch extending from a convex point of the protrusion toward the aperture; and

the aperture has an extension extending from a convex point of the aperture toward the protrusion.

16. (Currently Amended) The liquid crystal display of claim 15, wherein the width of the extension decreases as ~~goes to~~ advancing toward an end of the extension; and

the width of the second branch decreases as ~~goes to~~ advancing toward the edge of the pixel electrode.

17-22. (Currently Cancelled)

23. (Currently Amended) A liquid crystal display, comprising:

a first substrate;

a common electrode ~~which is~~ formed on the first substrate;

a plurality of protrusions formed on the common electrode;

a second substrate facing the first substrate;

a pixel electrode having a plurality of apertures and formed on the second substrate; and

a first and a second polarizers attached to outer surfaces of the first and ~~the~~ second substrates respectively, polarizing directions of the first and ~~the~~ second polarizers being perpendicular to each other,

wherein the aperture has a shape of cross including a first and a second portions crossing each other at a right angle, and

~~wherein~~ the shape of the protrusion is ~~a tetragon~~ tetragonal surrounding the aperture.

24. (Currently Amended) The liquid crystal display of claim 23, wherein the width of the aperture decreases as ~~goes~~ advancing from a center of the aperture to ends of the aperture.

25. (Original) The liquid crystal display of claim 24, wherein the center of the cross is diamond-shaped.

26. (Original) The liquid crystal display of claim 25, wherein the distance between the apertures is 10 to 50 microns.

27. (Currently Cancelled)

28. (Original) The liquid crystal display of claim 23, wherein the protrusion is located substantially outside edges of the pixel electrode.

29. (Original) The liquid crystal display of claim 23, wherein a portion of the protrusion overlaps edges of the pixel electrode.

30. (Currently Cancelled)

31. (Currently Amended) A liquid crystal display, comprising:

a first substrate;

a common electrode ~~which~~ is formed on the first substrate;

a plurality of protrusions formed on the common electrode;

a second substrate facing the first substrate;

a pixel electrode having a plurality of apertures and formed on the second substrate; and

a first and a second polarizers attached to outer surfaces of the first and ~~the~~ second substrates, respectively, polarizing directions of the first and ~~the~~ second polarizers being perpendicular to each other,

wherein the aperture has an X shape including a first and a second portions crossing each other at a right angle, and

~~wherein~~ the protrusion surrounds the X shaped aperture.

32. (Currently Amended) The liquid crystal display of claim 31, wherein the first and ~~the~~ second portions are parallel to the polarizing axes of the first and ~~the~~ second polarizers, respectively.

33. (Currently Amended) A liquid crystal display, comprising:

a first substrate;

a common electrode ~~which~~ is formed on the first substrate;

a plurality of protrusions formed on the common electrode;
a second substrate facing the first substrate;
a pixel electrode having a plurality of apertures and formed on the second substrate; and
a first and a second polarizers attached to outer surfaces of the first and ~~the~~ second substrates, respectively, polarizing directions of the first and ~~the~~ second polarizers being perpendicular to each other,

wherein the aperture has an X shape including a first and a second portions crossing each other at a right angle, and

~~wherein~~ the protrusion is located substantially outside edges of the pixel electrode.

34. (Currently Amended) A liquid crystal display, comprising:

a first substrate;
a common electrode ~~which is~~ formed on the first substrate;
a plurality of protrusions formed on the common electrode;
a second substrate facing the first substrate;
a pixel electrode having a plurality of apertures and formed on the second substrate; and
a first and a second polarizers attached to outer surfaces of the first and ~~the~~ second substrates respectively, polarizing directions of the first and ~~the~~ second polarizers being perpendicular to each other,

wherein the aperture has an X shape including a first and a second portions crossing each other at a right angle, and

~~wherein~~ a portion of the protrusion overlaps edges of the pixel electrode.

35-40. (Currently Cancelled)

41. (Currently Amended) A liquid crystal display comprising:

a first substrate including a pixel electrode having at least a wedge-shaped aperture;

a second substrate ~~which is opposite~~ facing the first substrate and ~~includes~~ including a common electrode and at least a wedge-shaped protrusion on the common electrode, the protrusion being parallel and alternate to the aperture; and

a black matrix on the second substrate, the black matrix including a first portion overlapping the protrusion, a second portion passing through bent points of the protrusion the aperture and a third portion covering a region where the protrusion and the aperture meet a boundary of the pixel electrode.

42. (Original) The liquid crystal display of claim 41, wherein the black matrix further includes a fourth portion overlapping the protrusion.

43. (Previously Amended) The liquid crystal display of claim 41, wherein the third portion of the black matrix is triangular.

44-58. (Currently Cancelled)

59. (Currently Amended) A liquid crystal display, comprising:

a first substrate having a plurality of pixel electrodes including a first electrode;

a second substrate ~~opposite~~ facing the first substrate and including a second electrode;
and

a plurality of protrusions provided on at least one of the first and ~~the~~ second substrates,
the plurality of protrusions including first and second protrusions having shapes of substantially
straight lines,

wherein either the ~~fast~~ first and ~~the~~ second protrusions or imaginary extensions of the first
and ~~the~~ second protrusions meet each other.

60. (Currently Amended) The liquid crystal display of claim 59, wherein the first and
~~the~~ second protrusions are located substantially in an area corresponding to the first pixel
electrode.

61. (Currently Amended) The liquid crystal display of claim 60, wherein the first and
~~the~~ second protrusions are oblique to edges of the first pixel electrode.

62. (Currently Amended) The liquid crystal display of claim 61, wherein the first and
~~the~~ second protrusions are substantially symmetrically arranged with respect to a first line
substantially parallel to the edges of the first pixel electrode.

63. (Currently Amended) The liquid crystal display of claim 62, wherein each of the
first and ~~the~~ second protrusions has first and second ends opposite to each other, and

the first and ~~the~~ second protrusions either are separated from each other or meet only near
the first ends of the first and ~~the~~ second protrusions.

64. (Currently Amended) The liquid crystal display of claim 63, wherein the first pixel electrode has first to fourth principal edges, the first and ~~the~~ second principal edges are opposite and substantially parallel to each other, the third and ~~the~~ fourth principal edges are opposite and substantially parallel to each other, and the first and ~~the~~ second principal edges are shorter than the third and ~~the~~ fourth principal edges.

65. (Currently Amended) The liquid crystal display of claim 64, wherein the first line is substantially parallel to the first and ~~the~~ second principal edges.

66. (Currently Amended) The liquid crystal display of claim 65, wherein the first ends of ~~the~~ first and the second protrusions are located near the third principal edge.

67. (Currently Amended) The liquid crystal display of claim 66, wherein the second ends of the first and ~~the~~ second protrusions are located near the first and ~~the~~ second principal edges, respectively.

68. (Currently Amended) The liquid crystal display of claim 65, wherein the second ends of the first and ~~the~~ second protrusions are located near the fourth principal edge.

69. (Currently Amended) The liquid crystal display of claim 68, wherein the first ends of the first and ~~the~~ second protrusions are located near the first line.

70. (Currently Amended) The liquid crystal display of claim 69, wherein the plurality of protrusions includes a third protrusion extending from the first ends of the first and ~~the~~ second protrusions toward the third principal edge along the first line.

71. (Previously Added) The liquid crystal display of claim 70, wherein a width of the third protrusion decreases as goes to the third principal edge.

72. (Currently Amended) The liquid crystal display of claim 63, wherein the first and ~~the~~ second protrusions form a wedge shape.

73. (Currently Amended) The liquid crystal display of claim 63, wherein at least one of the first and ~~the~~ second protrusions has a branch extending along an edge of the first pixel electrode.

74. (Currently Amended) The liquid crystal display of claim 59, wherein one of the first ~~the~~ and second electrodes has a plurality of apertures including first and second apertures having shapes of substantially straight lines.

75. (Currently Amended) The liquid crystal display of claim 74, wherein the first and ~~the~~ second apertures are substantially parallel to at least one of the first and ~~the~~ second protrusions.

76. (Currently Amended) The liquid crystal display of claim 75, wherein the first and ~~the~~ second apertures are substantially parallel to the first and ~~the~~ second protrusions, respectively.

77. (Currently Amended) The liquid crystal display of claim 76, wherein the first and ~~the~~ second apertures are alternate to the first and ~~the~~ second protrusions, respectively.